

Title (en)

Imaging element comprising an electrically-conductive layer containing particles of a metal antimonate.

Title (de)

Bildaufzeichnungselement, das eine elektrisch leitfähige Schicht mit Teilchen eines Metallantimonats enthält.

Title (fr)

Élément formateur d'image comprenant une couche électroconductrice contenant des particules d'un antimoniate métallique.

Publication

**EP 0678779 A3 19960124 (EN)**

Application

**EP 95200995 A 19950419**

Priority

- US 23121894 A 19940422
- US 32481194 A 19941017

Abstract (en)

[origin: US5457013A] Imaging elements, such as photographic, electrostatographic and thermal imaging elements, are comprised of a support, an image-forming layer, a transparent magnetic layer comprising magnetic particles dispersed in a film-forming binder and an electrically-conductive layer comprising a dispersion in a film-forming binder of fine particles of an electronically-conductive metal antimonate. Use of metal antimonate particles provides a controlled degree of electrical conductivity and beneficial chemical, physical and optical properties which adapt the electrically-conductive layer for such purposes as providing protection against static or serving as an electrode which takes part in an image-forming process.

IPC 1-7

**G03C 1/85**; **G03C 11/02**; **G11B 5/633**

IPC 8 full level

**G03C 1/00** (2006.01); **B41M 5/42** (2006.01); **G03C 1/85** (2006.01); **G03C 5/14** (2006.01); **G03G 5/10** (2006.01); **G03G 5/14** (2006.01); **G03G 5/147** (2006.01); **B41M 5/40** (2006.01); **B41M 5/44** (2006.01); **G03C 11/02** (2006.01)

CPC (source: EP US)

**B41M 5/426** (2013.01 - EP US); **G03C 1/853** (2013.01 - EP US); **G03C 5/14** (2013.01 - EP US); **G03G 5/104** (2013.01 - EP US); **G03G 5/144** (2013.01 - EP US); **G03G 5/14704** (2013.01 - EP US); **B41M 5/44** (2013.01 - EP US); **G03C 11/02** (2013.01 - EP US)

Citation (search report)

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